

# Search Report

### SIIO Dalabasa Tablaba

To: AKASH SAXENA Location: RND-5C31

Art Unit: 2128

Friday, April 11, 2008

Case Serial Number: 10/782092

From: WASSEEM HAMDAN

Location: EIC2100 RND-4B28 / RND-4B11 Phone: (571)272-5728

wasseem.hamdan@uspto.gov

### Section Notes

Attached are edited search results from the patent and non-patent databases.

The tagged items are some of the results worth review.

I recommend that you browse all the results.

If you would like more searching on this case, or if you have questions or comments, please let me know.

Respectfully,

Wasseem Hamdan



```
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[File 56] Computer and Information Systems Abstracts 1966-2008/Feb
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(c) 2008 FIZ TECHNIK. All rights reserved.
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Set Items Description
S1 18305545 S ((VIRTUAL(1N)MACHINE?? OR COMPUTER?? OR SYSTEM??) OR VM?? OR VMM??)
    884644 S SÎ(5N)(TIMÉ?? OR TIMING OR CLOCK? ? OR PERIOD OR CYCLE? ? OR DURATION? ?)
       329 S S2(30N)(CATCH?()UP OR CATCHUP OR MAKEUP OR MAKE()UP OR MAKING()UP)
       47 S ((FÀLL? ? OR LAG? ? OR LAGGING OR DELAY? OR LATENC? OR LATENT? OR LAPSE? OR
S4
LAPSING?)(2N)BEHIND)(5N)(REALTIME OR REAL()TIME OR UP(3W)MINUTE OR INSTANT OR (REAL OR
ACTUAL)()TIMÉ OR DYNAMIC)
     34733 S (TRACK? OR FOLLOW? OR LOCAT? OR PURSUIT? OR LOGG? OR REGISTER? OR
NOTAT?)(3N)(REALTIME OR REAL()TIME OR UP(3W)MINUTE OR INSTANT OR (REAL OR ACTUAL)()TIME OR
DYNAMIC)
S6
       9 S S4 AND S5
S7
       3 RD (unique items)
S8
       7 S S3 AND S5
S9
       4 RD (unique items)
S10
       28 S S4 AND S1
S11
       15 RD (unique items)
       11 S S11 AND PY=1963:2004
S12
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Saxena, Akash 10782092 (257124) NPL Abstracts.doc	

#### Subject summary

? t/3,k/all

12/3,K/1 (Item 1 from file: 35) Links

Dissertation Abs Online

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01630632 ORDER NO: AAD98-24391

THE RELATIONSHIP BETWEEN MICROCOMPUTER PLAYFULNESS AND END-USER INTENTION TO ADOPT

INFORMATION TECHNOLOGY Author: ALLEN, JEFFREY WILLIAM

Degree: PH.D. Year: 1998

Corporate Source/Institution: GEORGIA STATE UNIVERSITY (0079)

Source: Volume 5902A of Dissertations Abstracts International.

PAGE 546 . 184 PAGES

Year: 1998

...3) To examine the relationship of attitude toward adopting an IT and the antecedent variables (computer anxiety, perceived voluntariness) and their effect on intent to adopt and (4) To determine the relationship of microcomputer playfulness to computer anxiety and perceived voluntariness.

We recognize that many factors--individual and organizational--affect and determine.....organizations they work within on the "leading" edge of technology use while others tend to lag behind? Is microcomputer playfulness a dynamic or static phenomenon and does the state of the measurement item effect the level of...

12/3,K/2 (Item 1 from file: 8) Links

Fulltext available through: STIC Full Text Retrieval Options

Ei Compendex(R)

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11198944 E.I. No: EIP06341008502

Title: A transient dynamic analysis of mechanical seals including asperity contact and face deformation

Author: Green, Itzhak

Corporate Source: Georgia Institute of Technology George W. Woodruff School of Mechanical Engineering, Atlanta, GA

30332-0405, United States Source: Tribology Transactions v 45 n 3 July 2002. p 284-293

Publication Year: 2002

CODEN: TRTRE4 ISSN: 1040-2004

Language: English

Abstract: ...viscous heating model shows that the time-dependent deformation (coning) is hereditary and that it lags behind the instantaneous heat generation. The dynamic analysis provides a numerical solution for the seal motion in axial and angular modes. The...

Descriptors: \*Seals; Deformation; Viscosity; Friction; Centrifugal casting; Radial flow; Rotors; Computer simulation; Heating; Elastoplasticity; Hydrostatic pressure



12/3,K/3 (Item 2 from file: 8) <u>Links</u>
Fulltext available through: <u>STIC Full Text Retrieval Options</u>

Ei Compendex(R)

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08675159 E.I. No: EIP00105359402

Title: Virtual time scheduling in HFC networks with support for priority implementation

Author: Kamal, A.E.; Boujarwah, A.; Al-Dallal, J. Corporate Source: Kuwait Univ, Safat, Kuwait

Source: Computer Communications v 23 n 16 Sep 2000. p 1514-1523

Publication Year: 2000

CODEN: COCOD7 ISSN: 0140-3664

Language: English

Abstract: ...interval is determined using one of two clock increments, depending on whether the virtual time lags behind the actual time or not. The virtual time is based on a mapping involving the unused contention minislots, and the frame length. It is shown through simulation that virtual time scheduling enhances the system performance and results in a close to FCFS strategy. In addition, through the differential handling...

Descriptors: \*Fiber optic networks; Telecommunication traffic; Congestion control (communication); Computer simulation; Virtual reality; Standards

12/3,K/4 (Item 3 from file: 8) Links

Ei Compendex(R)

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04142701 E.I. Monthly No: El8209079726 E.I. Yearly No: El82058486 Title: METHOD FOR THE ANALYSIS OF MACHINE TOOL CHATTER.

Author: Nigm, M. M.

Corporate Source: Ain Shams Univ, Cairo, Egypt

Source: International Journal of Machine Tool Design & Research v 21 n 3-4 1981 p 251-261

Publication Year: 1981

CODEN: IJTDAJ ISSN: 0020-7357

Language: English

```
Language: ENGLISH
Abstract: The method presented in this paper constitutes a unified system approach for the analysis of machine tool
chatter. The method is valid for the whole... ... Its simple and noniterative computational procedure can be most efficiently
carried out by a digital computer. The method gives a deeper understanding of the contribution of the main mechanisms
and parameters... ... can occur in a single-degree-of-freedom machine tool (without mode coupling) if the dynamic cutting
force lags behind the chip thickness modulation. 10 refs.
Descriptors: ...Vibrations; SYSTEM STABILITY...
12/3,K/5 (Item 1 from file: 2) Links
 Fulltext available through: STIC Full Text Retrieval Options
INSPEC
(c) 2008 Institution of Electrical Engineers. All rights reserved.
08150345 INSPEC Abstract Number: A2002-04-8140L-060
Title: Compressive superelastic behavior of a NiTi shape memory alloy at strain rates of 0.001-750 s/sup -1/
Author Chen, W.W.; Qiuping Wu; Kang, J.H.; Winfree, N.A.
Author Affiliation: Dept. of Aerosp. & Mech. Eng., Arizona Univ., Tucson, AZ, USA
Journal: International Journal of Solids and Structures vol.38, no.50-51 p. 8989-98
Publisher: Elsevier,
Publication Date: Dec. 2001 Country of Publication: UK
CODEN: IJSOAD ISSN: 0020-7683
SICI: 0020-7683(200112)38:50/51L.8989:CSBN:1-W
  Material Identity Number: I113-2001-028
U.S. Copyright Clearance Center Code: 0020-7683/01/$20.00
Language: English
Subfile: A
 Copyright 2002, IEE
Abstract: ...7.5*10/sup 2/ s/sup -1/. A hydraulically driven load frame (Material test system, MTS 810) was used to
conduct the quasi-static experiments. A split Hopkinson pressure bar.....there is initially a residual deformation upon
unloading, but the material slowly recovers its length. Dynamic strain lags behind the associated dynamic stress in the
SMA specimen.
Identifiers: ...material test system;
 2001
12/3,K/6 (Item 2 from file: 2) Links
 Fulltext available through: STIC Full Text Retrieval Options
INSPEC
(c) 2008 Institution of Electrical Engineers. All rights reserved.
06439554 INSPEC Abstract Number: C9701-6150E-001
Title: Automating Web-site maintenance. 1
Author Helinski, P.
Journal: WEB Techniques vol.1, no.8 p. 42-4, 46-7
Publisher: Miller Freeman,
Publication Date: Nov. 1996 Country of Publication: USA
ISSN: 1086-556X
SICI: 1086-556X(199611)1:8L.42:ASM;1-H
  Material Identity Number: F184-96002
Language: English
Subfile: C
 Copyright 1996, IEE
Abstract: ...pay for the increasing amount of Webmaster hours a dynamic site requires. As a result, dynamic sites fall
behind, lose budgets, and eventually shut down. The answer to this conundrum is automation. Site automation...
Descriptors: ...complete computer programs...
 1996
12/3,K/7 (Item 3 from file: 2) Links
INSPEC
(c) 2008 Institution of Electrical Engineers. All rights reserved.
05585027 INSPEC Abstract Number: A9405-0270-001, C9403-7320-021
Title: Real-time simulation of dynamic systems using a variable integration step size
Author Howe, R.M.
Author Affiliation: Applied Dynamics Int., Ann Arbor, MI, USA
Conference Title: Simulators X. Proceedings of the 1993 Simulation Multiconference on the International Simulators
Conference p. 452-8
Editor(s): Sharon, A.
Publisher: SCS, San Dieago, CA, USA
Publication Date: 1993 Country of Publication: USA xiv+698 pp.
Conference Sponsor: SCS
Conference Date: 29 March-1 April 1993 Conference Location: Arlington, VA, USA
```

Subfile: A C

Title: Real-time simulation of dynamic systems using a variable integration step size

Abstract: ...execution time of the previous step. This ensures that the simulation will in general never fall behind real time by more than a fraction of the step size. It also permits the step size...

Descriptors: ...real-time systems

1993

12/3,K/8 (Item 1 from file: 6) Links

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Dynamic Constitutive/Failure Models

( Final rept. for 10-11 May 8 ) Rajendran, A. M. ; Nicholas, T. N. Dayton Univ., OH. Research Inst.

Corporate Source Codes: 007431003; 105400

Sponsor: Air Force Wright Aeronautical Labs., Wright-Patterson AFB, OH. Report Number: UDR-TR-88-110; AFWAL-TR-88-4229; ARO-26136.1-EG-CF

Dec 88 501p Language: English

Journal Announcement: GRAI8912

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USA.

NTIS Prices: PC A22/MF A01

Many important impact engineering applications rely on numerical simulations using finite element/difference computer codes for analysis. Several unique codes have been developed in recent years incorporating novel concepts such as slide line logics, erosion, rezoning, dezoning, etc. The modeling of material behavior in computer codes, while achieving improved sophistication in recent years, still lags behind our present knowledge of dynamic behavior and failure. Accurate descriptions of the dynamic inelastic behavior of materials for metals, ceramics, and composites in computer codes must include the effects of strain rate, loading history, high pressure, high temperature, large.....solutions to critical issues in modeling material behavior under high loading rates for use in computer codes. The report will bring together a critical mass of active presenters involved in various.....require interactions between experimentalists, material scientists, applied mechancians and model builders, and developers of advanced computer codes. Keywords: Impact, Spall, Concrete, Plastic flow, Brittle. (jes/aw)

Descriptors: Accuracy; Ceramic materials; Computer programs; Concrete; Damage; Deformation; Dynamic response; Elastic properties; Erosion; Failure; High pressure; High rate; High...

Identifiers: \*Failure analysis; Mathematical models; Computer applications; NTISDODXA; NTISDODAF

12/3,K/9 (Item 1 from file: 34) <u>Links</u>

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SciSearch(R) Cited Ref Sci

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02343659 Genuine Article#: KV288 No. References: 2 TRENDS IN COMPUTER HARDWARE AND SOFTWARE

Author: FRANKENFELD FM

Corporate Source: SUNQUEST INFORMAT SYST INC, DEPT NEW PROD, 4801 EBROADWAY

BLVD/TUCSON//AZ/85711

ISSN: 0002-9289

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

TRENDS IN COMPUTER HARDWARE AND SOFTWARE

1993

Abstract: Previously identified and current trends in the development of computer systems and in the use of computers for health care applications are reviewed.

Trends identified in a 1982 article were increasing miniaturization... ...archival ability, increasing software costs, increasing software independence, user empowerment through new software technologies, shorter computer-system life cycles, and more rapid development and support of pharmaceutical services. Most of these trends... ...software include the increasing use of reduced instruction-set computing, migration to the UNIX operating system, the development of large software libraries, microprocessor-based smart terminals that allow remote validation of data, speech synthesis and recognition, application generators, fourth-generation languages, computer-aided software engineering, object-oriented technologies, and artificial intelligence. Current trends specific to pharmacy and hospitals are the withdrawal of vendors of hospital information systems from the pharmacy market, improved linkage of information systems within hospitals, and increased regulation by government.

The computer industry and its products continue to undergo dynamic change. Software development continues to lag behind hardware, and its high cost is offsetting the savings provided by hardware.

12/3,K/10 (Item 1 from file: 95) Links

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TEME-Technology & Management

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01604586 20020108714

Compressive superelastic behavior of a NiTi shape memory alloy at strain rates of 0.001-750 s(exp -1)

Chen, WW; Qiuping Wu; Kang, JH; Winfree, NA

Dept. of Aerosp. & Mech. Engng., Arizona Univ., Tucson, AZ, USA

International Journal of Solids and Structures, v38, n50-51, pp8989-8998, 2001

Document type: journal article Language: English

Record type: Abstract ISSN: 0020-7683, 2001

Abstract:

...3)-7.5x10(exp 2) s(exp -1). A hydraulically driven load frame (Material test system, MTS 810) was used to conduct the quasi-static experiments. A split Hopkinson pressure bar.....there is initially a residual deformation upon unloading, but the material slowly recovers its length. Dynamic strain lags behind the associated dynamic stress in the SMA specimen.

12/3,K/11 (Item 1 from file: 99) Links

Fulltext available through: STIC Full Text Retrieval Options

Wilson Appl. Sci & Tech Abs

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1186671 H.W. Wilson Record Number: BAST94055304

The multirate method for simulation of power system dynamics

Crow, M. L : Chen, James G.

IEEE Transactions on Power Systems v. 9 (Aug. '94) p. 1684-90

Document Type: Feature Article ISSN: 0885-8950

The multirate method for simulation of power system dynamics

Abstract: The behavior of power systems with widely varying time constants is analyzed using the multirate method. This work was motivated by the fact that the tools developed for computational dynamic analysis of power systems lag far behind the tools that have been developed for steady-state and transient stability analysis. The multirate method is first applied to a generalized linear system. A formula is developed to estimate the speed-up that is possible given any number.....the separation between them. The multirate method is then extended to a small nonlinear power system example. When compared to traditional simulation methods, this method is shown to have great potential as an efficient method of simulating the dynamics of power systems. Descriptors: Power system simulation......Time invariant systems

?

? t/3,k/all

9/3,K/1 (Item 1 from file: 56) Links

Computer and Information Systems Abstracts

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0000287746 IP Accession No: 0258128

Real-time visual recognition of facial gestures for human-computer interaction

Zelinsky, Alexander, Heinzmann, Jochen Australian Natl Univ, Canberra, Aust

Pages: 351-356 Publication Date: 1996

Publisher: IEEE, LOS ALAMITOS, CA, (USA)

Conference:

The 1996 2nd International Conference on Automatic Face and Gesture Recognition, Killington, VT, USA, 14-16 Oct.

1996

Document Type: Conference Paper

Record Type: Abstract

Language: English

File Segment: Computer & Information Systems Abstracts

Abstract:

...applications. We have implemented an interface that tracks a person's facial features in real time (30Hz). Our system does not require special illumination nor facial makeup. By using multiple Kalman filters we accurately predict and robustly track facial features. This is... ...and rapid movements of the head (including both translational and rotational

motion). Since we reliably track the face in real-time we are also able to recognise motion gestures of the face. Our system can recognise...

9/3,K/2 (Item 1 from file: 8) Links

Ei Compendex(R)

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07629473 E.I. No: EIP97023531930

Title: Human-robot interaction using facial gesture recognition

Author: Zelinsky, Alexander; Heinzmann, Jochen Corporate Source: Australian Natl Univ, Canberra, Aust

Conference Title: Proceedings of the 1996 5th IEEE International Workshop on Robot and Human Communication, RO-

MAN

Conference Location: Tsukuba, Jpn Conference Date: 19961111-19961114

E.I. Conference No.: 46049

Source: Robot and Human Communication - Proceedings of the IEEE International Workshop 1996, IEEE, Piscataway,

NJ, USA,96TH8179. p 256-261 Publication Year: 1996 CODEN: 85QKA5 Language: English

Abstract: ...applications. We have implemented an interface that tracks a person's facial features in real time (30 Hz). Our system does not require special illumination nor facial makeup. The work is focused on real-time face tracking using dedicated hardware based on template matching. Tracking using template matching suffers from changing shade... ...and rapid movements of the head (including both translational and rotational motion). Since we reliably track the face in real-time we are also able to recognize motion gestures of the face. Our system can recognize...

9/3,K/3 (Item 1 from file: 2) Links

**INSPEC** 

(c) 2008 Institution of Electrical Engineers. All rights reserved. 05362571 INSPEC Abstract Number: C9304-6150J-010

Title: In search of the ideal operating system for user interfacing Author Jones, W.; Williams, P.; Robertson, G.; Joloboff, V.; Conner, M. Author Affiliation: Arthur D. Little Enterprises, Cambridge, MA, USA

Conference Title: UIST. Third Annual Symposium on User Interface Software and Technology. Proceedings of the ACM

SIGGRAPH Symposium p. 31-5 Publisher: ACM, New York, NY, USA

Publication Date: 1990 Country of Publication: USA vii+177 pp.

ISBN: 0 89791 410 4

Conference Sponsor: ACM

Conference Date: 3-5 Oct. 1990 Conference Location: Snowbird, UT, USA

Language: English

Subfile: C

Abstract: ...computing environment's lowest common denominator, the operating system must always play a game of catch-up to provide system-wide support for the changing demands and opportunities of its user environment. Never has this been more true than now. The basics of an operating system include management of processing time, memory, interprocess and inter-machine communication and persistent storage. Choices made in the provision of... ...interface, even when many layers interceded. This paper discusses operating system issues that impact the following user interfacing concerns: real-time performance; persistent storage; interoperability and data transfer; and transparency.

9/3,K/4 (Item 1 from file: 6) Links

Fulltext available through: Check for PDF Download Availability and Purchase

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1267358 NTIS Accession Number: NTN86-0773

Robotic Deburring Studied

(NTIS Tech Note)

Department of the Navy, Washington, DC. Corporate Source Codes: 001840000

Jul 86 1p

Language: English

Journal Announcement: GRAI8626

FOR ADDITIONAL INFORMATION: Contact: Harry McCain, Building 220-Room B-127, Automated Manufacturing Research Facility, National Bureau of Standards, Gaithersburg, MD 20899; (301)921-3204.

NTIS Prices: Not available NTIS

...demonstrating two-robot cooperation during a test run of the facility. The two robots which make up the workstation are a Unimate 2000 and a Puma 760. During the test run, one robot, instrumented with a force/torque sensor and under the control of the NBS Real- time Control System, located and deburred the edge of a simple test part held by the second robot. Although...

Saxena, Akash 10782092 (257124) NPL Abstracts.doc	

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File 610: File 610 now contains data from 3/99 forward. Archive data (1986-2/99) is available in File 810:
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File 624: Homeland Security & Defense and 9 Platt energy journals added Please see HELP NEWS624 for more
[File 369] New Scientist 1994-2008/Mar W2
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[File 484] Periodical Abs Plustext 1986-2008/Mar W4
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[File 613] PR Newswire 1999-2008/Apr 09
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*File 613: File 613 now contains data from 5/99 forward. Archive data (1987-4/99) is available in File 813.
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[File 634] San Jose Mercury Jun 1985-2008/Apr 10
(c) 2008 San Jose Mercury News. All rights reserved.
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*File 370: This file is closed (no updates). Use File 47 for more current information.
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(c) 2008 The HW Wilson Co. All rights reserved.
[File 98] General Sci Abs 1984-2008/Apr
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: d s
Set Items Description
S1 24173398 S ((VIRTUAL(1N)MACHINE?? OR COMPUTER?? OR SYSTEM??) OR VM?? OR VMM??)
S2 1114527 S S1(5N)(TIME?? OR TIMING OR CLOCK? ? OR PERIOD OR CYCLE? ? OR DURATION? ?)
      2204 S S2(30N)(CATCH?()UP OR CATCHUP OR MAKEUP OR MAKE()UP OR MAKING()UP)
53
       161 S ((FALL?? OR LAG?? OR LAGGING OR DELAY? OR LATENC? OR LATENT? OR LAPSE? OR
LAPSING?)(2N)BEHIND)(5N)(REALTIME OR REAL()TIME OR UP(3W)MINUTE OR INSTANT OR (REAL OR
ACTUAL)()TIME OR DYNAMIC)
S5 85710 S (TRACK? OR FOLLOW? OR LOCAT? OR PURSUIT? OR LOGG? OR REGISTER? OR
NOTAT?)(3N)(REALTIME OR REAL()TIME OR UP(3W)MINUTE OR INSTANT OR (REAL OR ACTUAL)()TIME OR
DYNAMIC)
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S6 2204 S S3 AND S1 S7 2197 S S3(100N)S1 S8 19 S S7(100N)S5 S9 11 RD (unique items) S10 7 S S9 AND PY=1963:2004 S11 0 S S7(100N)S4 S12 0 S S7 AND S4

Saxena, Akash 10782092 (257124) NPL Fulltext.doc	

#### Subject summary

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? t/3,k/all
10/3,K/1 (Item 1 from file: 15) Links
ABI/Inform(R)
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02416688
                 176169631
Radio frequency identification
Anonymous
Frontline Solutions v3n10 pp: 8-9
Summer 2002/2003
ISSN: 1528-6363 Journal Code: FRSE
Word Count: 929
Text:
...and supply chain applications.
RFID is becoming the top technology used in employee access control
systems. Low-cost tags can be easily built into ID cards, enabling
employees to open doors...
...transmitters so lost children can be quickly located or so other
visitors can locate and catch up with other members of "their
Real-Time Locating Systems (RTLS)
RTLS (some vendors prefer LIPS, for local positioning systems) is a subset
of RFID...
...monitor the location of tagged objects through a network of readers.
Users can set their system to monitor locations every few seconds to
every few hours. Systems can also be set so that objects report
their own location by transmitting a radio signal at predetermined
intervals or any time they are moved. Object locations are available
in real time, even when the objects are in motion.
Early adapters are using RTLS to monitor critical...
10/3,K/2 (Item 1 from file: 9) Links
Business & Industry(R)
(c) 2008 The Gale Group. All rights reserved.
01269536 Supplier Number: 23901689 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Siemens eyes onboard market
( About 10,000 vehicles currently have onboard navigation and information systems and 1mil vehicles will have
such systems by the year 2000)
Automotive News, v 71, n 5713, p 22+
May 19, 1997
Document Type: Journal ISSN: 0005-1551 (United States)
Language: English Record Type: Fulltext
Word Count: 590 (USE FORMAT 7 OR 9 FOR FULLTEXT)
TEXT:
...MAJOR INVESTMENT
Siemens has invested between $12 million and $15 million in developing
intelligent transportation systems for the U.S. market, Knockeart
said.
Siemens expects to begin selling the QuickScout unit...
...QuickScout has just completed six weeks of field testing in Boston, and
another six-week cycle begins this week.
Three basic systems make up QuickScout:
```

- 1. The display unit, sized to fit in the standard space occupied by a radio or in-dash compact disc player.
- 2. A cellular telephone.
- 3. A global positioning system antenna and receiver to pinpoint the vehicle's location.

Obtaining real-time traffic formation is a bit complicated.

In the Boston test, the major roads and freeways...

10/3,K/3 (Item 1 from file: 810) <u>Links</u> Business Wire (c) 1999 Business Wire . All rights reserved.

0952963 BW1145

NUMETRIX 2 : Numetrix Unveils xtr@; an Internet-Designed Solution for Real-Time Supply Chain Collaboration

```
December 16, 1998
Byline: Business/Technology Editors
...to make or ship
the product. xtr@ eliminates this problem altogether."
Distributed data
   Where other systems are based on a centralized, client/server
architecture, xtr@ is not -- it makes use of a system
that distributes
data locally. This approach allows users to read data at any time from...
...data are read-only.
analysis-based functions, a distributed computing architecture
provides for fast, effective systems operation and optimized LAN/WAN
capacity. Local data on such systems
is automatically synchronized in
real time, regardless of location, making
up-to-the-second
supply/demand updates a reality throughout the global enterprise.
   This functionality empowers...
...interacts with the right data.
in the right place, at the right time.
Linking disparate systems with Collaborative Enablers
   xtr@ integrates with a host of external systems using software
called a Collaborative Enabler (CE). Each CE is a small, non-intrusive
piece...
10/3,K/4 (Item 1 from file: 636) Links
Gale Group Newsletter DB(TM)
(c) 2008 The Gale Group. All rights reserved.
01099444 Supplier Number: 40770382 (USE FORMAT 7 FOR FULLTEXT)
Business Report - NREC: Focusing On Implementing Comprehensive Shop-Floor CIM Systems In Discrete
Manufacturing
Factory Automation News, v 2, n 5, p N/A
May, 1989
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 4364
...graphic screens...etc." However, the Work Cell Manager provides
additional features, such as long-term tracking of maintenance,
real-time SPC and "multi-user access that allows more than 1
person to access information from..
...will likely "be a subset of some of the high/end functionality of our
VAX systems." Over time, however, the advanced PC software
"will tend to catch- up because PCs are advancing as far as
I/O capability and so forth." In addition, NREC is working on advanced
communications devices/modules for the VAX-based system.
  NREC has also begun talking to several companies about forming
partnerships overseas to develop foreign lanaguage versions of the Work
Cell Manager. Moreover, NREC is eyeing other operating systems, such
as "UNIX further down the road when that becomes a more stable platform for
19890501
10/3,K/5 (Item 1 from file: 16) Links
Gale Group PROMT(R)
(c) 2008 The Gale Group. All rights reserved.
05036015 Supplier Number: 47393783 (USE FORMAT 7 FOR FULLTEXT)
Siemens eyes onboard market
Jewett, Dale
Automotive News, p 22
May 19, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; Trade
Word Count: 596
...MAJOR INVESTMENT
```

Siemens has invested between \$12 million and \$15 million in developing

intelligent transportation systems for the U.S. market, Knockeart said Siemens expects to begin selling the QuickScout unit... ...QuickScout has just completed six weeks of field testing in Boston, and another six-week cycle begins this week. Three basic systems make up QuickScout: 1. The display unit, sized to fit in the standard space occupied by a radio or in-dash compact disc player. 2. A cellular telephone. 3. A global positioning system antenna and receiver to pinpoint the vehicle's location. Obtaining real-time traffic information is a bit complicated. in the Boston test, the major roads and freeways... 19970519 10/3,K/6 (Item 1 from file: 160) Links Gale Group PROMT(R) (c) 1999 The Gale Group. All rights reserved. 00576513 Glenayre Electronics (Vancouver, BC) more than doubled production in 1978-79 thanks to the mobile telephone boom. Canadian Electronics Engineering June, 1980 p. 30 Publication Year: 1980 Exports make up 70% of Glenayre's output and dedicated production lines have emerged for 3 major product groups: microprocessor-based radio telephone control heads, real-time train control systems and DC-DC converter equipment. Glenayre's new control heads, compatible with telephone utility-provided... ... Pacific Railroad and Chesapeake & Ohio Railroad are 1st key users of Glenayre's microcomputer-based real time-train locator system. 10/3,K/7 (Item 1 from file: 148) Links Gale Group Trade & Industry DB (c)2008 The Gale Group. All rights reserved. 16541915 Supplier Number: 111400249 (USE FORMAT 7 OR 9 FOR FULL TEXT) ...HOLIDAYS & CONFUSED, PT. 2. Shoulberg, Warren HFN The Weekly Newspaper for the Home Furnishing Network, 26 Dec 15, 2003 ISSN: 1082-0310 Language: English Record Type: Fulltext Word Count: 661 Line Count: 00052 ...Wal-Mart broke pricing way earlier than anyone figured and everybody else has been playing catch-up ever since. But those of us in the trade know better. We can watch the products dance out of the stores on computer screens, tracking real-time EDI figures. We can see accounts payable activity go up or down accordingly. We can... 20031215

?

[File 347] JAPIO Dec 1976-2007/Dec(Updated 080328) (c) 2008 JPO & JAPIO. All rights reserved. [File 350] Derwent WPIX 1963-2008/UD=200823 (c) 2008 The Thomson Corporation. All rights reserved.

```
Set Items Description
S1 4863315 S ((VIRTUAL(1N)MACHINE?? OR COMPUTER?? OR SYSTEM??) OR VM?? OR VMM??)
S2 432408 S Sì(20N)(TIME?? OR TIMING OR CLOCK? ? OR PERIOD OR CYCLE? ? OR DURATION? ?)
S3
     4489 S S1(50N)(CATCH?()UP OR CATCHUP OR MAKEUP OR MAKE()UP OR MAKING()UP)
      3 S ((FALL?? OR LAG?? OR LAGGING OR DELAY? OR LATENC? OR LATENT? OR LAPSE? OR
LAPSING?)(1N)BEHIND)(3N)(REALTIME OR REAL()TIME OR UP(3W)MINUTE OR INSTANT OR (REAL OR
ACTUAL)()TIME OR DYNAMIC)
S5
      0 S S4 AND S3
      2 S S4 AND S1
S6
S7
     357 S S2(50N)(CATCH?()UP OR CATCHUP OR MAKEUP OR MAKE()UP OR MAKING()UP)
     254 S S2(20N)(CATCH?()UP OR CATCHUP OR MAKEUP OR MAKE()UP OR MAKING()UP)
S8
S9 205786 S S1(5N)(TIME?? OR TIMING OR CLOCK? ? OR PERIOD OR CYCLE? ? OR DURATION? ?)
      93 S S9(20N)(CATCH?()UP OR CATCHUP OR MAKEUP OR MAKE()UP OR MAKING()UP)
S10
      81 S S10 AND PY=1963:2004
S11
      0 S S4 AND S11
S12
S13
     7395 S (TRACK? OR FOLLOW? OR LOCAT? OR PURSUIT? OR LOGG? OR REGISTER? OR
NOTAT?)(3N)(RÈALTIME OR REAL()TIME OR UP(3W)MINUTE OR INSTANT OR (REAL OR ACTUAL)()TIME OR
DYNAMIC)
S14
      1 S S11 AND S13
```

xena, Akash 10782092 (25	57124) Patent Abstracts.c	doc	_

#### Subject summary

? t/3,k/all

6/3,K/1 (Item 1 from file: 350) Links

Fulltext available through: Order File History

Derwent WPIX

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0013997443 & & *Drawing available* WPI Acc no: 2004-178619/200417 XRPX Acc No: N2004-141971

Electric arc detecting method for power distribution system, involves comparing instantaneous value of time varying signal with earlier and later values to output alarm signal, where signal indicates load characteristic of

system

Patent Assignee: HENDRY MECHANICAL WORKS (HEND-N)

Inventor: PARKER M T

Patent Family ( 4 patents, 98 & countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Туре
US 20030227290	A1	20031211	US 2002164821	Α	20020607	200417	В
WO 2003105303	A1	20031218	WO 2003US18024	Α	20030605	200417	E
AU 2003238951	A1	20031222	AU 2003238951	Α	20030605	200445	E
US 6859042	B2	20050222	US 2002164821	Α	20020607	200515	E

Priority Applications (no., kind, date): US 2002164821 A 20020607

#### Patent Details

T dtorit Dotallo							
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes		
US 20030227290	A1	EΝ	13	7			
WO 2003105303	A1	EΝ					
National Designated	AE AG AL AM AT AU .	AZ BA	BBE	G BR B	Y BZ CA CH C	N CO CR CU	CZ DE DK DM DZ EC
States,Original	EE ES FI GB GD GE (	3H GN	/I HR	HU ID IL	. IN IS JP KE K	G KP KR KZ	LC LK LR LS LT LU
	LV MA MD MG MK MI	V MW	MX N	IZ NO N	Z OM PH PL P	T RO RU SD	SE SG SK SL TJ TM
	TN TR TT TZ UA UG I	JZ VN	YU Z	'A ZM Z	W		
Regional Designated	AT BE BG CH CY CZ	DE DK	(EA E	EE ES F	I FR GB GH GI	M GR HU IE I	T KE LS LU MC MW
States,Original	MZ NL OA PT RO SD	SE SI	SK S	L SZ TF	TZ UG ZM ZV	V	
AU 2003238951	A1	EN			Based on OPI	patent	WO 2003105303

Electric arc detecting method for power distribution system, involves comparing instantaneous value of time varying signal with earlier and later values to output alarm signal, where signal indicates load characteristic of system Alerting Abstract ... The method involves detecting a signal that indicates a dynamic load characteristic of an electrical system. The dynamic characteristic is stored for a period of alternating characteristic to obtain a time... DESCRIPTION - An INDEPENDENT CLAIM is also included for a system for detecting electrical arcs in power distribution system. ... ... USE - Used for detecting electric arcs in power distribution system. Title Terms .../Index Terms/Additional Words: SYSTEM; Original Publication Data by AuthorityOriginal Abstracts: A method and apparatus for detecting electrical arcs in an electrical system having a periodic power supply is disclosed. A method according to the invention compares instantaneous values of a monitored... ... A method and apparatus for detecting electrical arcs in an electrical system having a periodic power supply is disclosed. A method according to the invention compares instantaneous values of a monitored waveform both with (a) their... ... to allow such comparisons in near real time, to produce an output which is only slightly delayed behind the monitored waveform. An apparatus according to the present invention discloses a sampling circuit that... ... A method and apparatus for detecting electric arcs in an electrical system having a periodic power supply is disclosed. A method according to the invention compares instantaneous values of a monitored waveform both with (a) their past values at corresponding phases... ... allow such comparisons in near real time, to produce an output which is only slightly delayed behind the monitored waveform. An apparatus according to the present invention discloses a sampling circuit that samples electrical signals indicative..... invention concerne un procede et un dispositif pour la detection d'arcs electriques dans un systeme electrique a source d'alimentation periodique. On decrit un procede qui permet de comparer des valeurs instantanees de forme d'onde controlee, a la fois avec (a) des valeurs precedentes de phases correspondantes de... Claims: I claim: 1. A method of detecting electrical arcs in an electrical system having a power supply with a periodically alternating characteristic, comprising the steps of detecting a signal from the electrical system which is indicative of a dynamic load characteristic of the system storing a dynamic representation of said signal over at least one period of said alternating characteristic, to obtain a representation of the time variation of said...... I claim:1. A method of detecting electrical arcs in an electrical system having a power supply with a periodically alternating characteristic, comprising the steps of detecting a signal from the electrical system which is indicative of a dynamic load characteristic of the system storing a dynamic representation of said signal over at least one period of said alternating characteristic, to obtain a representation of the time variation of said signal over said period; andcomparing a first value of said representation with at lest one earlier value and...

6/3,K/2 (Item 2 from file: 350) Links

Fulltext available through: Order File History

Derwent WPIX

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#### 0001612064

WPI Acc no: 1978-G5771A/197834

Facsimile transmitter system with variable speed - has storage photodetector whose charging time is constant and independent of selected synchronisation pulse frequency

Patent Assignee: MATSUSHITA ELEC IND CO LTD (MATU); MATSUSHITA GRAPHIC COMMUNICATI (MATY)

Inventor: HASHIMOTO S; KUBOTA T; TANAKA Y

Patent Family (6 patents, 5 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Туре
DE 2804979	Α	19780817	DE 2804979	Α	19780206	197834	В
FR 2379955	Α	19781006				197845	E
US 4159488	Α	19790626	US 1978877795	Α	19780213	197928	E
GB 1572539	Α	19800730				198031	E
DE 2804979	В	19810716	DE 2804979	Α	19780206	198130	E
CA 1130443	Α	19820824				198237	E

Priority Applications (no., kind, date): JP 197712729 A 19770207; DE 2804979 A 19780206

#### Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
CA 1130443	Α	EN			

Facsimile transmitter system with variable speed... Alerting Abstract ...The transmitter has further devices discharging the storage photodetector at an instant lagging behind the synchronisation pulses by a time interval depending on the difference between selected and highest... Title Terms .../Index Terms/Additional Words: SYSTEM;

?

#### ? t/3,k/all

14/3,K/1 (Item 1 from file: 350) Links

Fulltext available through: Order File History

Derwent WPIX

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0008779173 & & *Drawing available* WPI Acc no: 1998-323063/199828 XRPX Acc No: N1998-252605

Communication method for patient data - arranging predetermined communications protocol such that patient data is communicated from patient location to analysis location

Patent Assignee: BARNETT K N (BARN-I); FITZGERALD J E (FITZ-I); LOCH A (LOCH-I); MICROMEDICAL IND LTD

(MICR-N); ŠATCHWELL B R (SATC-I); VENTRACOR LTD (VENT-N) Inventor: BARNETT K N; FITZGERALD J E; LOCH A; SATCHWELL B R

Patent Family (7 patents, 77 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Туре
WO 1998024212	A1	19980604	WO 1997AU821	Α	19971201	199828	В
AU 199851113	Α	19980622	AU 199851113	Α	19971201	199844	E
AU 747299	В	20020516	AU 199851113	Α	19971201	200244	E
US 20040039606	A1	20040226	US 1999319392	Α	19990528	200416	E
			US 2003644514	Α	20030820		
AU 2002300622	A1	20030213	AU 199851113	Α	19971201	200427	NCE
			AU 2002300622	Α	20020816		
US 6820057	B1	20041116	US 1999319392	Α	19990528	200475	E
AU 2002300622	B2	20040826	AU 199851113	Α	19971201	200476	NCE
			AU 2002300622	Α	20020816		

Priority Applications (no., kind, date): AU 19963943 A 19961129; AU 19974553 A 19970110; WO 1997AU821 A 19971201; AU 2002300622 A 20020816

#### Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 1998024212	A1	EΝ	38	9		
National Designated	AL AM AT AL	J AZ E	BA BE	BG BR	BY CA CH CN CU CZ DE DK EE ES F	FI GB GE GH HU ID IL
States,Original	IS JP KE KG	KP KI	R KZ	LC LK L	R LS LT LU LV MD MG MK MN MW M.	X NO NZ PL PT RO RU
	SD SE SG SI	SKS	L TJ	TM TR	TT UA UG US UZ VN YU ZW	
Regional Designated	AT BE CH DI	EDKI	EA ES	SFIFR	GB GH GR IE IT KE LS LU MC MW NL	OA PT SD SE SZ UG
States,Original	ZW					

AU 199851113	Α	EN	Based on OPI patent	WO 1998024212
AU 747299	В	EN	Previously issued patent	AU 9851113
			Based on OPI patent	WO 1998024212
US 20040039606	A1	EN	Continuation of application	US 1999319392
AU 2002300622	A1	EN	Division of application	AU 199851113
AU 2002300622	B2	EN	Division of application	AU 199851113
			Previously issued patent	AU 2002300622

Alerting Abstract ...USE - Transmitting time varying patient data in real-time or near real-time from one location to another, for analysis of e.g. ECG data... Original Publication Data by Authority...Claims:interconnectable network of computers adapted for interconnection using standardized protocols and wherein the individual computers making up the network at any given time include computers adapted to store and forward packets of digital information and whereby the packets of information are thereby able to be passed from computer to computer until they reach a destination computer whose address is included as part of... ... Basic Derwent Week: 199828...

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[File 348] EUROPEAN PATENTS 1978-2007/ 200814 (c) 2008 European Patent Office. All rights reserved. [File 349] PCT FULLTEXT 1979-2008/UB=20080403UT=20080327 (c) 2008 WIPO/Thomson. All rights reserved.

Set Items Description

S1 1822468 S ((VIRTUAL(1N)MACHINE? ? OR COMPUTER? ? OR SYSTEM? ?) OR VM? ? OR VMM? ?)

S2 348620 S S1(10N)(TIME?? OR TIMING OR CLOCK? ? OR PERIOD OR CYCLE? ? OR DURATION? ?)
S3 1603 S S2(50N)(CATCH?()UP OR CATCHUP OR MAKEUP OR MAKE()UP OR MAKING()UP)

40 S ((FALL? ? OR LAG? ? OR LAGGING OR DELAY? OR LATENC? OR LATENT? OR LAPSE? OR LAPSING?)(2N)BEHIND)(5N)(REALTIME OR REAL()TIME OR UP(3W)MINUTE OR INSTANT OR (REAL OR ACTUAL)()TIME OR DYNAMIC)

S5 16353 S (TRACK? OR FOLLOW? OR LOCAT? OR PURSUIT? OR LOGG? OR REGISTER? OR NOTAT?)(3N)(RÈALTIME OR REAL()TIME OR UP(3W)MINUTE OR INSTANT OR (REAL OR ACTUAL)()TIME OR DYNAMIĈ)

S6 9 S S3(100N)S5 S7 1 S S4 AND S3

Saxena, Akash 10782092 (257124) Patent Fulltext.doc	_

#### Subject summary

? t/3,k/all

6/3K/1 (Item 1 from file: 348) Links

Fulltext available through: Order File History

**EUROPEAN PATENTS** 

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02433955

Wireless mobile vehicle real-time tracking and notification systems and methods related thereto

Drahtlose, mobile Fahrzeugechtzeitverfolgung und Benachrichtigungssysteme und damit im Zusammenhang stehende Verfahren

Suivi en temps reel de vehicule mobile sans fil et systemes de notification et procedes associes

#### Patent Assignee:

• Everyday Wireless, Inc.; (4058070)

2033 Penn Avenue; West Lawn, PA 19609; (US)

(Applicant designated States: all)

Inventor:

Winkler, Josef K.

1733 Dauphin Avenue; Wyomissing, PA 19610; (US)

• Stant, Vernon L.

10211 Garfield Road; Richmond, VA 23235; (US)

• Wilson, Stephen G.

309 Parkwood Place; Charlottesville, VA 22901; (US)

Legal Representative:

#### • Bertsch, Florian Oliver (126573)

Kraus & Weisert, Thomas-Wimmer-Ring 15; 80539 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	1909245	A1	20080409	(Basic)
Application	EP	2008001074		20030214	
Priorities	US	357204	Р	20020214	

Designated States:

AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;

FI; FR; GB; GR; HU; IE; IT; LI; LU; MC;

NL; PT; SE; SI; SK; TR;

Related Parent Numbers: Patent (Application): EP 1483755 (EP 2003739829)

IPC	Level	Value	Position	Status	Version	Action	Source	Office
G08G-0001/123	Α	I	F	В	20060101	20080229	Н	EP

Abstract Word Count: 116

NOTE: 1A

Application:

NOTE: Figure number on first page: 1A

English

туре	rub. Date	Killa	Text
Publication:	English		
Procedural:	English		

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200815	817
SPEC A	(English)	200815	19474
Total Word Count (Document A) 20291			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 20291			

Specification: ...before the vehicle ETA at a destination/ delivery site would have run. In addition, the real-time monitoring and locating capabilities of the system can be used to assist the responsible authorities or police to catch up to the vehicle.

In another embodiment, criteria is set to limit the amount of time...

6/3K/2 (Item 2 from file: 348) Links

Fulltext available through: Order File History

**EUROPEAN PATENTS** 

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01645469

WIRELESS MOBILE VEHICLE REAL-TIME TRACKING AND NOTIFICATION SYSTEMS AND METHODS RELATED THERETO

DRAHTLOSE MOBIL-FAHRZEUG-ECHTZEIT-VERFOLGUNGS- UND BENACHRICHTIGUNGSSYSTEME UND DIESBEZUGLICHE VERFAHREN

LOCALISATION SANS FIL EN TEMPS REEL DE VEHICULES MOBILE ET SYSTEMES ET PROCEDES DE NOTIFICATION CORRESPONDANTS

#### Patent Assignee:

• Everyday Wireless, Inc.; (4058070)

2033 Penn Avenue; West Lawn, PA 19609; (US)

(Proprietor designated states: all)

Inventor:

WINKLER, Josef, K.

1733 Dauphin Avenue; Wyomissing, PA 19610; (US)

STANT, Vernon, L.

10211 Garfield Road; Richmond, VA 23235; (US)

• WILSON, Stephen, G.

309 Parkwood Place; Charlottesville, VA 22901; (US)

Legal Representative:

#### Banzer, Hans-Jorg (83612)

Kraus & Weisert Patent- und Rechtsanwalte Thomas-Wimmer-Ring 15; 80539 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	1483755	A1	20041208	(Basic)
	EP	1483755	B1	20080409	
	wo	2003069576		20030821	
Application	EP	2003739829		20030214	
	WO	2003US4705		20030214	
Priorities	US	357204	Р	20020214	

Designated States:

AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LI; LU; MC;

NL; PT; SE; SI; SK; TR; Extended Designated States:

AL; LT; LV; MK; RO;

Related Divisions: Patent (Application): (EP 2008001074)

#### International Patent Class (V7): G08G-001/123

IPC	Level	Value	Position	Status	Version	Action	Source	Office
G08G-0001/123	Α		F	В	20060101	20030823	Н	EP

NOTE: No A-document published by EPO

гуре	Pub. Date	įkina	l e:	Χĭ
Publication:	English			
Procedural:	English			
Application:	English			
Available Te	ext	Language	Update	Word Count
CLAIMS B		(English)	200815	711
CLAIMS B		(German)	200815	686
CLAIMS B		(French)	200815	892
SPEC B		(English)	200815	19315
Total Word C	Count (Document A) 0		•	
Total Word C	Count (Document B) 21604			
Total Word C	Count (All Documents) 21604			

Kind

Tovt

Specification: ...before the vehicle ETA at a destination/ delivery site would have run. In addition, the real-time monitoring and locating capabilities of the system can be used to assist the responsible authorities or police to catch up to the vehicle.

In another embodiment, criteria is set to limit the amount of time...

6/3K/3 (Item 1 from file: 349) Links

Fulltext available through: Order File History

PCT FULLTEXT

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01589401

SYSTEM, METHOD AND COMPUTER SOFTWARE CODE FOR OPTIMIZING TRAIN OPEATIONS CONSIDERING RAIL CAR PARAMETERS

SYSTEME ET PROCEDE ET CODE D'UN LOGICIEL INFORMATIQUE D'OPTIMISATION DE CONTROLE DE TRAINS

#### INTEGRANT DES PARAMETRES DE VEHICULES FERROVIAIRES

Patent Applicant/Patent Assignee:

GENERAL ELECTRIC COMPANY; 1 River Road, Schenectady, NY 12345

US; US (Residence); US (Nationality) (For all designated states except: US)

• DAUM Wolfgang; 5228 Annendale Drive, Erie, PA 16506

US; US (Residence); US (Nationality)

(Designated only for: US)

• HERSHEY John Erik; 4 Vines Road, Ballston Lake, NY 12019

US; US (Residence); US (Nationality)

(Designated only for: US)

• PELTZ David Michael; 4374 Parkway Drive, Melbourne, FL 32934

US; US (Residence); US (Nationality)

(Designated only for: US)

• SHAFFER Glenn Robert; 3618 Dominic Drive, Erie, PA 16506

US; US (Residence); US (Nationality)

(Designated only for: US)

• NOFFSINGER Joseph Forrest; 9520 Se Keystone Drive, Lees Summit, MO 64086-9718

US; US (Residence); US (Nationality)

(Designated only for: US)

• BORNTRAEGER John; 2034 Blue Heron Rive, Melbourne, FL 32940

US; US (Residence); US (Nationality)

(Designated only for: US)

• KUMAR Ajith; 528 Donna Drive, Erie, PA 16509

US; US (Residence); US (Nationality)

(Designated only for: US)
Patent Applicant/Inventor:

DAUM Wolfgang

5228 Annendale Drive, Erie, PA 16506; US; US (Residence); US (Nationality); (Designated only for: US)

- HERSHEY John Erik
- 4 Vines Road, Ballston Lake, NY 12019; US; US (Residence); US (Nationality); (Designated only for: US)
- PELTZ David Michael

4374 Parkway Drive, Melbourne, FL 32934; US; US (Residence); US (Nationality); (Designated only for: US)

SHAFFER Glenn Robert

3618 Dominic Drive, Erie, PA 16506; US; US (Residence); US (Nationality); (Designated only for: US)

• NOFFSINGER Joseph Forrest

 $9520 \; Se \; Keystone \; Drive, \; Lees \; Summit, \; MO \; 64086-9718; \; US; \; US \; (Residence); \; US \; (Nationality); \; (Designated \; only \; for: \; US)$ 

BORNTRAEGER John

2034 Blue Heron Rive, Melbourne, FL 32940; US; US (Residence); US (Nationality); (Designated only for: US)

KUMAR Ajith

528 Donna Drive, Erie, PA 16509; US; US (Residence); US (Nationality); (Designated only for: US) Legal Representative:

#### WINTER Catherine J et al(agent)

General Electric Company, Global Patent Operation, Patent Counsel, 187 Danbury Road, Suite 204, Wilton, CT 06897; US;

	Country	Number	Kind	Date
Patent	WO	2007136947	A2-A3	20071129
Application	WO	2007US66697		20070416
Priorities	US	2006802147		20060519
	US	2007621221		20070109

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BH; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LY; MA; MD; MG; MK; MN; MW; MX; MY; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO;

RS; RU; SC; SD; SE; SG; SK; SL; SM; SV; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW; [EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; [OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; [AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; [EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English Filing Language: English Fulltext word count: 17144

Detailed Description:

...model discussed above, train set-up information, on-board track database, on-board operating rules, location determination system, real-time closed power/brake control, and sensor feedback, exemplary embodiments of the present invention may present.....board) can also be communicated to the dispatch center to allow the dispatcher or dispatch system to adjust the target arrival times. This allows the system to quickly adjust and optimize for the appropriate target function (for example trading off speed......train operations may be improved based on knowledge of rail car parameters of rail cars making up a train. These parameters may include weight, number of axles, type and characteristics of couplers...

6/3K/4 (Item 2 from file: 349) Links

Fulltext available through: Order File History

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01537571

**GENIUS ADAPTIVE DESIGN** 

MODELE D'ADAPTATION AU GENIE

#### Patent Applicant/Inventor:

#### CABINALLA Linda

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	Country	Number	Kind	Date
Patent	wo	200781519	A2	20070719
Application	wo	2006US48704		20061219
Priorities	US	2005755291		20051230
	US	2006756607		20060105
	US	2006778313		20060301
	US	2006783018		20060315
	US	2006786906		20060328
	US	2006852794		20061018

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LV; LY MA; MD; MG; MK; MN; MW; MX; MY; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RS; RU; SC; SD; SE; SG; SK; SL; SM; SV; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;

FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;

ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;

SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English English Filing Language:

Fulltext word count: 520275

Detailed Description:

...and their related words (found via saw's thesaurus) can be used in scoring.-The system may (not) seek a limited frequency of these terms used in the material (files) accessor...

6/3K/5 (Item 3 from file: 349) Links

Fulltext available through: Order File History

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01482280

ENERGY AND CHEMICAL SPECIES UTILITY MANAGEMENT SYSTEM

SYSTEME DE GESTION DE SERVICES, D'ESPECES CHIMIQUES ET D'ENERGIE

#### Patent Applicant/Patent Assignee:

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US; US (Residence); US (Nationality)

 KRITZINGER Johan A; 1111 N. Loop West, Suite 200, Houston, TX 77008 US; US (Residence); ZA (Nationality)

 ALLAN Peter; 1111 N. Loop West, Suite 200, Houston, TX 77008 US; US (Residence); US (Nationality)

• ELLISON Brent; 1111 N. Loop West, Suite 200, Houston, TX 77008 US; US (Residence); US (Nationality)

 KHATER Ajay; 13510 Perthshire Rd., Houston, TX 77079 US; US (Residence); US (Nationality)

Patent Applicant/Inventor:

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KRITZINGER Johan A

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ALLAN Peter

1111 N. Loop West, Suite 200, Houston, TX 77008; US; US (Residence); US (Nationality);

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Legal Representative:

#### KNOBLOCH Charles S et al(agent)

ARNOLD & FERRERA, L.L.P., 2401 Fountain View, Dr., Suite 630, Houston, TX 77057; US;

	Country	Number	Kind	Date
Patent	wo	200728158	A2-A3	20070308
Application	WO	2006US34565		20060905
Priorities	US	2005714038		20050902

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;

 $\mathsf{BR}; \mathsf{BW}; \mathsf{BY}; \mathsf{BZ}; \mathsf{CA}; \mathsf{CH}; \mathsf{CN}; \mathsf{CO}; \mathsf{CR}; \mathsf{CU};$ 

CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;

 $\mathsf{GB}; \mathsf{GD}; \mathsf{GE}; \mathsf{GH}; \mathsf{GM}; \mathsf{HN}; \mathsf{HR}; \mathsf{HU}; \mathsf{ID}; \mathsf{IL};$ 

IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LV; LY; MA;

MD; MG; MK; MN; MW; MX; MY; MZ; NA; NG;

NI; NO; NZ; OM; PG; PH; PL; PT; RO; RS;

RU; SC; SD; SE; SG; SK; SL; SM; SV; SY;

TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ;

 $VC;\,VN;\,ZA;\,ZM;\,ZW;$ 

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR; [OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; [AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; [EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English Filing Language: English Fulltext word count: 175987

Detailed Description:

...predictive basis; \* Proactively manage energy supply contracts and exports (grid/general market or cogeneration); \* Monitor, track and manage to emissions limits; \* Improve utilities supply planning and demand forecasting and predict impacts......dimensions of both technical and business approaches to satisfy operational requirements while at the same time achieving business objectives of lowest cost, increased energy/utility efficiency and reduced environmental impact. The technical focus of the solution is systems integration whereby running a single piece of equipment at its optimal point is always subordinate to running an overall system at the global optimal point. As an example, it may generally pay off to

6/3K/6 (Item 4 from file: 349) Links

Fulltext available through: Order File History

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01178165

OILFIELD THREAD MAKEUP AND BREAKOUT VERIFICATION SYSTEM AND METHOD SYSTEME ET PROCEDE DE VERIFICATION DE LIAISONS FILETEES DANS LES PUITS DE PETROLE

#### Patent Applicant/Inventor:

DISHAW Ray

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ECKEL Terry

8035 County Road, Odessa, TX 79760; US; US (Residence); US (Nationality); (Designated only for: US) Legal Representative:

#### HELMREICH Loren G(agent)

Browning Bushman, P.C., 5718 Westheimer Road, Suite 1800, Houston, TX 77057; US;

	Country	Number	Kind	Date
Patent	WO	200499553	A2-A3	20041118
Application	WO	2004US13781		20040503
Priorities	US	2003467893		20030505
	US	2004836785		20040430

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

AE; AĞ; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MZ; NA; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ;

VC; VN; YU; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;

FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;

PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;

ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;

SZ; TZ; ÚG; ZM; ZW;

 $\hbox{[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;}\\$ 

Publication Language: English Filing Language: English Fulltext word count: 5790

Detailed Description:

#### ...threaded connection.

The computer 20 may compare the heat intensity signals at one or more

locations in real time. The quality of the threaded connection 12 may then be verified with the comparison. In.....range of temperatures above and below a signature line, which are deemed acceptable. During the make-up operation, the computer receives the heat intensity signals as the make-up operation progresses, the computer may output a signature in a substantially real time for the connection being made-up time. The computer may thus determine that one connection has been properly made-up since the heat intensity signature for that connection during the entire make-up operation was within the acceptable band from the predetermined signature line, and alternatively may determine...

6/3K/7 (Item 5 from file: 349) Links

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01040376

WIRELESS MOBLE VEHICLE REAL-TIME TRACKING AND NOTIFICATION SYSTEMS AND METHODS RELATED THERETO

LOCALISATION SANS FIL EN TEMPS REEL DE VEHICULES MOBILE ET SYSTEMES ET PROCEDES DE NOTIFICATION CORRESPONDANTS

#### Patent Applicant/Patent Assignee:

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(Designated only for: US)

• STANT Vernon L; 10211 Garfield Road, Richmond, VA 23235

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(Designated only for: US)

WILSON Stephen G; 309 Parkwood Place, Charlottesville, VA 22901

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(Designated only for: US)
Patent Applicant/Inventor:

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STANT Vernon L

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• WILSON Stephen G

309 Parkwood Place, Charlottesville, VA 22901; US; US(Residence); US(Nationality); (Designated only for: US) Legal Representative:

#### DALEY Jr William J(agent)

Edwards & Angell, LLP, P.O. Box 9169, Boston, MA 02209; US;

	Country	Number	Kind	Date
Patent	WO	200369576	A1	20030821
Application	WO	2003US4705		20030214
Priorities	US	2002357204		20020214

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;

FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;

PT; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;

ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;

UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English Filing Language: English Fulltext word count: 21721

Detailed Description:

...before the vehicle ETA at a destination/ delivery site would have run.

In addition, the real-time monitoring and locating capabilities of the system can be used to assist the responsible authorities or police to catch up to the vehicle.

hi another embodiment, criteria is set to limit the amount of time...

6/3K/8 (Item 6 from file: 349) Links

Fulltext available through: Order File History
PCT FULLTEXT

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00905289

ROUTE DATA BASE GENERATION PROCEDURES AND SYSTEMS, PROCESSES AND PRODUCTS RELATING THERETO

SYSTEMES ET PROCEDURES DE GENERATION DE BASE DE DONNEES DE ROUTES, ET PROCEDES ET PRODUITS ASSOCIES

#### Patent Applicant/Inventor:

MARTIN Roger L

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SASSER Thurman

Unit 525, 3781 North Citrum Circle, zellwood, FL 32798; US; US(Residence); US(Nationality); Legal Representative:

#### YEAGER Arthur G(et al)(agent)

Suite 1305, 112 West Adams Street, Jacksonville, FL 32202-3853; US;

	Country	Number	Kind	Date
Patent	WO	200239367	A1	20020516
Application	wo	2000US30855		20001110
Priorities	WO	2000US30855		20001110

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;

GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;

MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;

UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English Filing Language: English Fulltext word count: 16270

Detailed Description:

...for a system that ' into play and records what happens to a vehicle at the time of its involvement in an accident. If such a comes

system existed, and a so-called "black box" for motorized road vehicle was part of the makeup of such road vehicles, accidents would decrease, insurance rates would decrease and the proof of... current location along the route can be avoided or circumvented in establishing a so-called "real time" location of the vehicle. Instead, the current vehicle location can be continually established while traversing the...

6/3K/9 (Item 7 from file: 349) Links

Fulltext available through: Order File History

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00806392

TECHNOLOGY SHARING DURING ASSET MANAGEMENT AND ASSET TRACKING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF

PARTAGE TECHNOLOGIQUE LORS DE LA GESTION ET DU SUIVI DU PARC INFORMATIQUE DANS UN ENVIRONNEMENT DU TYPE CHAINE D'APPROVISIONNEMENT RESEAUTEE, ET PROCEDE ASSOCIE

#### Patent Applicant/Patent Assignee:

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US; US(Residence); US(Nationality)

#### Legal Representative:

#### HICKMAN Paul L(agent)

Oppenheimer Wolff & Donnelly, LLP, 38th Floor, 2029 Century Park East, Los Angeles, CA 90067-3024; US;

	Country	Number	Kind	Date
Patent	wo	200139086	A2	20010531
Application	WO	2000US32310		20001122

Priorities	US	99444653	19991122
	US	99447623	19991122

Designated States: (All protection types applied unless otherwise stated - for applications 2004+) [EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;

GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;

MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;

UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English Filing Language: English Fulltext word count: 156214

Detailed Description:

...control within the program to the framework. This approach allows the creation of more complex systems that

Thus, as is explained above, a framework basically is a collection of cooperating classes that make up a reusable design solution for a given problem domain. It typically includes objects that provide.....behavior and overriding other behavior so that the framework calls application code at the appropriate times.

There are three main differences between franieworks and class libraries.

o Behavior versus protocol. Class...

?



## EIC 2100 FAST & FOCUSED SEARCH

Today's Date 4/11/08	This search cannot be completed unless you: A. Attach a capy of your EAST strategy. B. Conduct on interview with your searcher.
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